



U.S. Department of Homeland Security

United States Coast Guard

LOCAL NOTICE TO MARINERS
MONTHLY EDITION

District: 11

Week: 44/04

BROADCAST NOTICE TO MARINERS - Information concerning aids to navigation and waterway management promulgated by BNM 0847-04 to BNM 0871-04 has been incorporated in this notice if still significant.

SECTION I - SPECIAL NOTICES

This section contains information of special concern to the mariner.

SUBMITTING INFORMATION FOR PUBLICATION IN THE LOCAL NOTICE TO MARINERS:

A complete set of guidelines with examples and contact information can be found on our website at http://www.uscg.mil/d11/oan or contact BM2 Rachel Mentz at (510) 437-2970 or rmentz@d11.uscg.mil. LNM 44/04 dated 02 Nov 2004.

dGPS STATUS AS OF 02 Nov 2004:

For information regarding the dGPS system, or for status updates contact the Petaluma Control Center at (707) 765-7612/ 7613. Proposed off-air dates: None. LNM 44/04 dated 02 Nov 2004.

LORAN-C STATUS AS OF 02 Nov 2004:

Loran-C stations for 8290, 9610 and 9940 Chains are on air. Lorsta Searchlight (Rate 9610-W/9940-Y) will be unusable from 1700 GMT 02 Nov to 0100 GMT 03 Nov 2004 with an alternate time and date of 1700 GMT 03 Nov to 0100 GMT 04 Nov 2004 and from 1700 GMT to 2100 GMT on 04 Nov 2004 with an alternate time and date of 1700 GMT to 2100 GMT on 05 Nov 2004. For information regarding the Loran-C System, contact the Coordinator of Chain Operations West Coast at (707) 765-7518. Current Loran-C Status is available 24 hrs per days through the Internet at: http://www.navcen.uscg.gov. LNM 44/04 dated 02 Nov 2004.

SECTION II - DISCREPANCIES

This section lists all reported and corrected discrepancies related to Aids to Navigation in this edition. A discrepancy is a change in the status of an aid to navigation that differs from what is published or charted.

DISCREPANCIES: (bold type and * denote new information since last LNM)

Table with 7 columns: LLNR, NAME OF AID, STATUS, CHARTS AFFECTED, BNM REF., LNM REF. Rows include Ballast PT. LT B, Shoal Buoy, Mission Bay North Jetty LT 1, Port San Luis CH LB 5, Corte Madera CH LT 4, Corte Madera CH LT 17, and Roe Island CH Range Front LT.

DISCREPANCIES CORRECTED:

Table with 7 columns: LLNR, NAME OF AID, STATUS, CHARTS AFFECTED, BNM REF., LNM REF. Rows include PT. Conception LT and San Luis Obispo LT.

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THE LOCAL NOTICE TO MARINERS IS AVAILABLE ON THE WORLD WIDE WEB AT WWW.NAVCEN.USCG.GOV/LNM/D11/

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SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

This section contains temporary changes and corrections to Aids to Navigation for this edition. When charted aids are temporarily relocated for dredging, testing, evaluation, or marking an obstruction, a temporary correction shall be listed in Section IV giving the new position.

TEMPORARY CHANGES: (bold type and * denote new information since last LNM)

4960.00	San Bruno Shoal CH LT 4	TRLB	18651	1070-03	41-03
6070.00	Petaluma River Entrance CH LT 20	LEANING/TRLB	18654	0362-04	21-04
6090.00	Mare Island Strait LT 1	TRLB	18654	0654-04	35-04
6395.00	Seal Islands CH DBN 3	TRLB	18656	0841-04	44-04*
6557.00	Suisun Bay CH LT 24A	TRLB	18654	0047-04	03-04
6600.00	New York Slough LT 2	TRLB	18654	1167-03	45-03
6625.00	New York Slough LT 5	TRLB	18654	0839-03	32-03
6765.00	San Joaquin River LT 26	TRLB	18661	0493-04	27-04
7945.00	Bodega HBR CH DBN 34	TRUB	18643	0829-03	32-03

TEMPORARY CHANGES CORRECTED:

SECTION IV - CHART CORRECTIONS

EXPLANATION OF FORMAT - Corrective action affecting charts is contained in this section. Chart corrections are listed numerically by chart number, beginning with the lowest and progressing through all charts affected. Each correction pertains to a particular chart and to that chart only. It is up to the mariner to decide which charts are to be corrected. The following example explains the individual elements of a typical correction:

Chart number	Chart edition	Edition date	Reference datum	Last Local Notice to Mariners	Source of correction	Current Notice to Mariners
18649 (Temp)	53rd ed CA - SAN FRANCISCO BAY - General Location Add	05/6/1989	NAD 83	Last LNM: 35/89 Embonee Channel Light 1 FI R 2.5s 7M	(CGD11) at	37/89 37°48'00.000"N 122°15'00.000"W
	Corrective action			Object of corrective action		Position

(Temp) located below the chart number indicates that the corrective action is temporary. Courses and bearings are given in degrees clockwise from 000° True. Bearings of light sectors are toward the light from seaward. The nominal range of a light is expressed in nautical miles, (e.g. 7M).

18754	17 th ed. CA - NEWPORT BAY Delete	07/01/2003	NAD 83	Last LNM: 24/04 Newport Harbor Obstruction Lights	(CGD11) at	44/04 33°36'56.000"N 117°54'17.000"W
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SECTION V – ADVANCE NOTICES AND PROPOSED CHANGES

This section contains advance notice of approved projects, changes to aids to navigation, or upcoming temporary changes such as dredging, etc. Mariners are advised to use caution when transiting these areas.

Periodically, the Coast Guard evaluates its system of aids to navigation to determine whether the conditions for which the aids to navigation were established have changed. When changes occur, the feasibility of improving, relocating, replacing, or discontinuing aids are considered. This section contains notice(s) of non-approved, proposed projects open for comment. **SPECIAL NOTE:** Mariners are requested to respond to the District Office unless otherwise noted.

SOUTHERN CALIFORNIA – SAN DIEGO –Coast Guard Sector San Diego is seeking public comments for the New Years Day Race sponsored by San Diego Yacht Club proposed on **01 Jan 2005 from 1130U to 1500U**. The proposed event would consist of approximately 100 sailboats from 20 to 80 ft. Participants will begin at the east end of Harbor Island, sail to the west end of Harbor Island, then east to a mark near the Coronado Bridge and west again to the south end of Shelter Island for the finish. During the event the event organizer may be reached on VHF-FM CH. 69, committee vessel Corinthian. For further comments or details, contact Jeff Johnson of the San Diego Yacht Club at (619) 683-64634.

SECTION VI – GENERAL

This section contains information of general concern to the Mariners. Mariners are advised to use caution while transiting these areas.

All times are given in local time, represented by the time followed by (U).

SOUTHERN CALIFORNIA – SAN DIEGO BAY – CONSTRUCTION OPERATIONS - Marathon Construction Corporation will be repairing the Chollas Creek fender system and Quaywall **through 26 May 2006**. The construction will be in the vicinity of the Naval Amphibious Base, Coronado and Naval Station San Diego. Mariners are advised to use caution when transiting the area. For further comments or details, contact Matt Richer at (619) 843-8976.
Chart: 18773 LNM 43/03 dated 28 Oct 2003.

SOUTHERN CALIFORNIA – SAN DIEGO – DIVING OPERATIONS – The United States Navy will be conducting diving operations **through 31 Dec 2004** in the vicinity of North Island. Operations will involve inert mines and other submerged objects in an area bound by the following coordinates: 32°40.22'N 117°12.68'W 32°40.24'N 117°11.81'W, 32°41.21'N 117°11.81'W, 32°41.20'N 117°12.68'W. Mariners are advised to use caution when transiting the area.
Chart: 18733 LNM 05/04 dated 03 Feb 2004.

SOUTHERN CALIFORNIA – SAN DIEGO BAY – SURVEY OPERATIONS – The U.S. Navy is conducting hydrographic surveys of the San Diego approaches from sea into the channel and the inner harbor with three ships **until further notice**. Mariners are advised to use caution when transiting the area. For further comments or details, contact Lieutenant Junior Grade William Scarborough at (361) 776-4797.
Chart: 18773 LNM 48/03 dated 02 Dec 2003.

SOUTHERN CALIFORNIA – SAN DIEGO – DREDGING OPERATIONS – Manson Construction will be conducting dredging operations from the west side of the Coronado Bridge to the east end of the Aircraft Carrier Turning Basin **through 17 Dec 2004**. The D/B *NJORD* and the M/V *JEFFREY-M* will be on scene and monitoring VHF-FM Ch. 16, 66, and 79A. The D/B will be positioned with four anchors marked by two lit crown cans on the northwest anchors. Mariners are advised to use caution when transiting the area. For further comments or details, contact Rich Ferguson at (562) 432-6918.
Chart: 18772 LNM 40/04 dated 05 Oct 2004.

SOUTHERN CALIFORNIA – SAN DIEGO BAY – DREDGING OPERATIONS – Manson Construction will be conducting clamshell dredging in conjunction with the San Diego Central Navigation Channel Deepening Project **through 15 Jan 2005**. The D/B *VALHALLA*, the TUG *JEFFERY M*, the SURVEY BOAT *WAHOO*, and the DUMP SCOWS *GULFPORT* and *SEAPORT* will be on scene and monitoring VHF-FM Ch. 16, 66, and 79A. The main navigation channel from the west side of the Coronado Bridge to the east end of the Aircraft Carrier Turning Basin near Seaport Village will be the dredging area. The dredged material will be dumped in a designated ocean disposal site located in Imperial Beach. If the D/B anchors are used, lighted anchor crown buoys will be placed to designate the anchor positions. For further comments or details, contact Eric Faria at (562) 762-5396 or Rich Ferguson at (562) 762-5417.
Chart: 18772 LNM 42/04 dated 19 Oct 2004.

SOUTHERN CALIFORNIA - CAMP PENDLETON - EXPEDITIONARY FIGHTING VEHICLE TESTING - The U.S. Marine Corps is testing the Expeditionary Fighting Vehicle (EFV) **24 hours a day through June 2008** off of Camp Pendleton, from the Oceanside Harbor entrance to San Mateo Point and to 25 NM off shore. There may be as many as (4) EFVs testing at the same time and as many as (4) 10 meter RHIBs and (1) MK-6 workboat supporting testing and in the vicinity of the EFVs. All vessels will have lighting in accordance with regulations. There may be times when spotlights and or strobe lights will be visible in the test area. All support vessels in the test team will be monitoring RADAR and marine band channel 81a. The Water Safety Officer will be monitoring 81a as well. For further comments or details, contact OSC Doug Samp at (619) 683-6309.
Chart: 18740 LNM 19/04 dated 11 May 2004

SOUTHERN CALIFORNIA - LOS ANGELES – CONSTRUCTION OPERATIONS - The Los Angeles Deepening Project is currently being conducted in Southwest Slip near Los Angeles Pier 100. A submerged rock dike has been constructed from Pier 100 northwesterly into Southwest Slip and is being filled to 10 ft above MLLW. All mariners are advised to remain clear of this area. For further comments or details, contact BMC Robert Mikulskis at (310) 732-2020.
Chart: 18751 LNM 13/03 dated 01 Apr 2003.

SOUTHERN CALIFORNIA – LOS ANGELES – CONSTRUCTION OPERATIONS – Manson Construction will be conducting construction operations in the vicinity of the south side of the Pier 400 in the Port of Los Angeles **through Mar 2005**. Seven lighted danger buoys are marking the area. The perimeter of this area is at –15 ft and is marked by seven lighted danger buoys. Mariners requiring 8 ft or greater navigational draft must remain clear of this area. Several vessels will be on scene monitoring VHF-FM Ch 8, 13, 66, and 79-A. For further comments or details, contact Paul Watkins at (310) 521-1300.
Chart: 18751 LNM 48/03 dated 02 Dec 2003.

SOUTHERN CALIFORNIA – LOS ANGELES – CONSTRUCTION OPERATIONS – The L.A. Deepening Constructors, Connelly Pacific, and Great Lakes Dredge and Dock will be conducting construction operations including clam dredging, rock replacement, and cutter suction dredge operations at Pier 300 **24 hours per day through Mar 2005**. A rock dike perimeter to +9 ft MLLW will be constructed, followed by hydraulic fill operation to +15 ft MLLW using the DREDGE *FLORIDA*. The D/B *LONG BEACH* and the D/B *LOS ANGELES*, along with the assist vessels will be on scene and monitoring VHF-FM Ch. 13, 16, 66, and 79A. A lighted warning buoy has been placed in position: 33°44.30'N 118°14.92'W. For further comments or details, contact John Molvar or Paul Watkins at (310) 521-1300.
Chart: 18751 LNM 48/03 dated 02 Dec 2003.

SOUTHERN CALIFORNIA – LONG BEACH – FIREWATER SYSTEM – CMAC Construction Company will be constructing a new firewater system at Pier B, berths 84 and 86 at the Port of Long Beach in Long Beach **through Dec 2004**. The construction will consist of an inlet structure piping, hydrants, 23 by 26 foot concrete table top, fuel tank, diesel-driven pump, shelter and four new concrete piles driven to –75 MLLW. For further comments or details, contact Tyrone McLaine at (310) 522-6280.
Chart: 18751 LNM 10/04 dated 09 Mar 2004.

SOUTHERN CALIFORNIA – ANAHEIM BAY – PROTECTION BARRIER – The Navy has constructed a protection barrier for its assets at Naval Weapons Station Seal Beach. Anchor buoys location for the barriers are attached with wire rope and floating orange and white ball buoy markers and in the following positions: 33°44.07'N 118°05.56'W, 33°44.12'N 118°05.70'W, 33°44.13'N 118°05.49'W, 33°44.01'N 118°05.43'W, and 33°43.99'N 118°05.37'W. All boating traffic is still required to stay within the small craft channel at all times. **These barriers will be in place until further notice**. For Further comments or details, contact Albert Rosales at (532) 626-7206.
Chart: 18749 LNM 05/04 dated 03 Feb 2004.

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General Information (Cont)

SOUTHERN CALIFORNIA - CHANNEL ISLANDS HARBOR - DREDGING OPERATIONS - Manson Construction Company will be conducting dredging operations in the vicinity of Channel Islands Harbor entrance, sand trap areas and behind the detached breakwater. The operation may continue **through 30 Dec 2004**. The HYDRAULIC PIPELINE DREDGE *H.R. MORRIS*, the TENDER *PUP*, the TENDER *CUB*, and the SURVEY BOAT *RENEGADE* will be on scene and monitoring VHF-FM Ch. 16 and 66. Material will be transported through floating pipeline, submerged pipeline, and shore pipeline to a disposal area east of Port Hueneme Channel Entrance. Mariners are advised to use extreme caution and contact the *H.R. MORRIS* when passing. For further comments or details, contact Frank Bechtolt at (562) 762-5367.
Chart: 18725 LNM 41/04 dated 12 Oct 2004.

SOUTHERN CALIFORNIA - SANTA BARBARA CHANNEL - SUBMARINE PIPELINE INSPECTION AND REPAIR - Nuevo Energy/Plains Exploration and Productions Inc. will be conducting submarine pipeline inspections and repairs in position 34°39.2'N 120°40.3'W **through 10 Nov 2004**. The M/V *AMERICAN PATRIOT* will be on scene and monitoring VHF-FM Ch. 16. The vessel will be moored in a 4 point configuration and will be unable to maneuver. Manned diving operations will be conducted. Mariners are advised to use caution when transiting the area. For further comments or details, contact Robin Sim at (805) 640-0799.
Chart: 18720 LNM 41/04 dated 12 Oct 2004.

SOUTHERN CALIFORNIA - PORT HUENEME - DREDGING OPERATIONS - Manson Construction Company will be conducting dredging operations at Port Hueneme east of the Jetty Entrance **through 30 Dec 2004**. The HYDRAULIC PIPELINE DREDGE *H.R. MORRIS*, the TENDER *PUP*, the TENDER *CUB*, and the SURVEY BOAT *RENEGADE* will be on scene and monitoring VHF-FM Ch. 16 and 66. Material will be transported through floating pipeline, submerged pipeline, and shore pipeline to a disposal area east of Port Hueneme Channel Entrance. Mariners are advised to use extreme caution and contact the *H.R. MORRIS* when passing. For further comments or details, contact Frank Bechtolt at (562) 762-5367.
Chart: 18725 LNM 39/04 dated 28 Sep 2004.

SOUTHERN CALIFORNIA - SAN LUIS BAY - RESEARCH - UNMANNED UNDERWATER VEHICLE - An underwater vehicle will be deployed once or twice per week **through Nov 2004** in San Luis Bay. The vehicle is conducting marine research and should rarely be seen on the surface. It is yellow, torpedo shaped, and 6 feet long. For further comments or details, contact Shelley Blackwell (805) 756-7060.
Chart: 18704 LNM 24/04 dated 15 Jun 2004.

NORTHERN CALIFORNIA - SAN FRANCISCO BAY - ENFORCEMENT OF ADVANCED NOTICE OF ARRIVAL REQUIREMENTS - The Coast Guard Marine Safety Office San Francisco Bay is strictly enforcing the 96-hour Advanced Notice of Arrival (ANOVA) requirements as outlined in Title 33 CFR Part 160, Subpart C. The ANOVA is used as an extremely important tool in ensuring the port security and combating terrorism. Its stringent reporting requirement allows the Coast Guard, as well as other government agencies, the proper time to screen crew, cargo, and passenger lists. Therefore, it is important to adhere to all conditions of the ANOVA regulations. The owner, master, or agent of U.S. or foreign vessels of greater than 300 gross tons is required to submit a complete and accurate ANOVA to the National Vessel Movement Center. We encourage everyone to take a look at www.nvmc.uscg.gov for contact information and reporting data forms. The Electronic Notice of Arrival (e-NOA) is the recommended submission format. A follow-up call to National Vessel Movement Center at (800) 708-9822 or (304) 264-2502 should be made to verify receipt. Remember, ALL information is required on the reporting form. A vessel found in violation of the ANOVA will be subject to being withheld from entering San Francisco Bay until all advance notice requirements have been met. A civil penalty of up to \$32,500 per violation may also be assessed against the responsible party. For further comments or details, contact the 24-hour MSO San Francisco Bay Command Duty Officer at (415) 399-3547.
Chart: 18649 LNM 38/04 dated 21 Sep 2004.

NORTHERN CALIFORNIA - SAN FRANCISCO BAY - NOTICE OF SECURITY ZONES - The Coast Guard has established permanent security zones in the navigable waters of San Francisco Bay surrounding both the Oakland and San Francisco International Airports. These security zones will extend approximately 200-yards from each airport and the perimeter will be marked by buoys. All persons and vessels are prohibited from entering, transiting through or remaining in these security zones without permission from the Captain of the Port or his designated representative. For further information or persons desiring to transit the security zones may contact the Captain of the Port at telephone number (415) 399-3547 or via VHF Ch. 16. Chart: 18649, 18650, 18651. LNM 36/04 dated 07 Sep 2004.

NORTHERN CALIFORNIA - SAN FRANCISCO BAY - DREDGING OPERATIONS - The Salt River Construction Company will be conducting dredging operations in the Greenbrae Marina/Corte Madera Creek in Marin **through 01 Dec 2004**. The self-contained dredge/dump BARGE *BARBARA ANN* and the TUG *IRENE LAURITZEN* will be on scene and monitoring VHF-FM Ch. 13, 14, and 78. There will be no temporary mooring piles or anchor balls placed outside the channel entrance. Mariners are advised to use caution when transiting the area. For further comments or details, contact Rick Moseley at (415) 435-1024.
Chart: 18649 LNM 34/04 dated 24 Aug 2004.

NORTHERN CALIFORNIA - SAN FRANCISCO BAY - DREDGING OPERATIONS - Salt River Construction Corp will be conducting dredging operations in the Paradise Cay Marina, County of Marin. The self-contained DREDGE/DUMP BARGE *BARBARA ANN* and the TUG *IRENE LAURITZEN* will be on scene and monitoring VHF-FM Ch. 13, 14, and 78. There will be no temporary mooring piles or anchor balls placed by Salt River outside the channel entrance of the Paradise Cay Marina. Dredging operations will take place **through 31 December 2004**. All mariners are advised to use caution when transiting the area. For further comments or details contact Rick Moseley at (415) 435-1024.
Chart: 18649 LNM 33/04 dated 17 Aug 2004.

NORTHERN CALIFORNIA - SAN FRANCISCO BAY - MARINE EVENTS - Please refer to the Yacht Race Association website: www.YRA.org for yacht race schedules in the SF Bay. For further comments or details, contact MST1 Brian Clark at (415) 399-3440.
Chart: None LNM 20/04 dated 18 May 2004.

NORTHERN CALIFORNIA - SAN FRANCISCO BAY - ENVIRONMENTALLY SENSITIVE AREA BUOY PLACEMENT - An Environmentally Sensitive Area (ESA) is being marked along the Shores of YBI, from the Coast Guard Base around the Eastern Tip of YBI and into westernmost reaches of Clipper Cove. Regulatory buoys that say "Closed Area" with FI W 4s lights mark the ESA. Each Buoy is in 6 ft of water and marks the eel grass beds close to shore. Between the larger buoys will also be many "Keep Out" regulatory buoys. Mariners are advised to remain clear of this area. The buoys **will be in place for the entire duration of the bridge project**. For further comments or details, contact Rachel Woodfield at (858) 560-5465.
Chart: 18650 LNM 13/03 dated 01 Apr 2003.

NORTHERN CALIFORNIA - SAN FRANCISCO BAY - SECURITY ZONE - A 100-yard security zone is in place surrounding all cruise ships, tank vessels, or any other vessel that the U.S. Coast Guard deems to be a high interest vessel within San Francisco Bay, Monterey Bay and Humboldt Bay. A security zone is in place around all U.S. Naval Vessels greater than 100-feet in length within the navigable waters of the U.S. This permanent protection zone extends 100-yards around all naval vessels and it includes a 500-yard slow zone in which all mariners must operate at the minimum speed necessary. At the Golden Gate and Oakland/San Francisco Bay Bridges, a 25-yard security zone is in place around all bridge abutments and piers. For further comments or details, contact the MSO Command Duty Officer at (415) 399-3547.
Chart: 18649 LNM 15/04 dated 13 Apr 2004.

General Information (Cont)

NORTHERN CALIFORNIA – OAKLAND HARBOR – DREDGING OPERATIONS - Great Lakes Dredge And Dock Co. is conducting dredging operations in the Port of Oakland Inner and Outer Harbors **to be completed by 30 Nov 2004**. The DREDGE 53 and SCOWS GL 64 and GL 66 are on scene and monitoring VHF-FM Ch. 14 and 16. The disposal site for the project is a 4000 ft diameter circle with center position at 37°39'N 123°29'W. The scows are being towed offshore by the TUG COLONEL. The TUG ATLANTIC DAWN will be in the vicinity of the dredge at all times working as a tender boat. For further comments or details, contact Kevin Holt at (630) 750-1304. Chart: 18649 LNM 39/04 dated 28 Sep 2004.

NORTHERN CALIFORNIA – BALLENA BAY - DREDGING OPERATIONS - Western Dock Enterprises will be conducting dredging operations at Ballena Bay **through 31 Dec 2004**. A DERRICK BARGE will be on scene and monitoring VHF-FM Ch. 13, 14, and 79. Three mooring buoys have been placed adjacent to Ballena Bay in positions: 37°45.5'N 122°17.7'W; 37°45.5'N 122°17.6'W; and 37°45.5'N 122°17.5'W. For further comments or details, contact Kevin Blair at (707) 765-4646. Chart: 18650 LNM 20/04 dated 18 May 2004.

NORTHERN CALIFORNIA – OAKLAND INNER HARBOR – ABANDONED TUG – An abandoned tug is located on the Alameda side of the Park Street Bridge Reach Section of the Oakland Inner Harbor approximately 200 yards west of the bridge. The tug protrudes into the channel and all mariners are advised to use caution when transiting the area. For further comments or details, contact Lieutenant Doug Ebbers at (510) 437-2770. Chart: 18650 LNM 21/04 dated 25 May 2004.

NORTHERN CALIFORNIA – OAKLAND MIDDLE HARBOR – CONSTRUCTION OPERATIONS – Dutra Dredging Company will be conducting construction operations **from 0700U to 1700U Monday through Friday through Mar 2005** in the Port of Oakland, Middle Harbor. The containment structure will span approximately 3,700 ft beginning at the southeast corner of Berth 38 to lands end west of Berth 55, closing off the Middle Harbor. The CRANE BARGE #8 will be working this site. The TUG SARAH REED will be tending the dredge and moving barges to and from the rock quarry at San Pedro Point in San Rafael. All equipment will monitor VHF-FM Ch. 13, 14, and 80. Mariners are advised to use caution when transiting the construction site. For further comments or details, contact Charles Gehlert at (510) 522-3758 or the TUG SARAH REED at (707) 974-9935. Chart: 18650 LNM 25/04 dated 22 Jun 2004.

NORTHERN CALIFORNIA - OAKLAND ESTUARY - NOTICE OF A SECURITY ZONE - The Coast Guard has established a permanent security zone in the navigable waters of the Oakland Estuary surrounding the Coast Guard Island Alameda Pier. The security zone extends approximately 150 ft from the Coast Guard Island pier up to and along the Brooklyn Basin South Navigation Channel. All persons and vessels are prohibited from entering in, transiting through or remaining in this security zone without permission of the Captain of Port or his designated representative. Persons desiring to transit the area may contact the Captain of the Port at (415) 399-3547. For further comments, contact Ensign John Bannon at (510) 437-3082. Chart: 18650 LNM 27/04 dated 06 Jul 2004.

NORTHERN CALIFORNIA – PORT OF OAKLAND – PIER DEMOLITION – Silverado Contractors will be removing the Franklin D. Roosevelt Pier in Jack London Square **through 28 Nov 2004**. The demolition work will consist of removal and disposal of the existing wharf deck and support piles, deck restrooms, furnishings and appurtenances, and cutting and capping utilities in the existing seawall. Several vessels will be on scene. For further comments or details, contact Bernard Wroblewski at (510) 627-1278. Chart: 18649 LNM 36/04 dated 07 Sep 2004.

NORTHERN CALIFORNIA – SAUSALITO – DREDGING OPERATIONS – Mas Aqua will be conducting dredging operations at Clipper Yacht Harbor, Sausalito **through 30 Nov 2004**. The TUG MIKE BRUSCO will be on scene with MUD SCOWS 100 and 101 and monitoring VHF-FM Ch. 13 and 14. Mariners are advised to use caution when transiting this area. For further comments or details, contact Les Shorter at (707) 544-6868. Chart: 18649 LNM 24/04 dated 15 Jun 2004.

NORTHERN CALIFORNIA – SAUSALITO – DREDGING OPERATIONS – Western Dock Enterprises will be conducting dredging operations at the Clipper Yacht Harbor in Richardson Bay **through 15 Dec 2004**. The TUGS HAYDEN BAY and POWER PUSHER will be on scene and monitoring VHF-FM Ch. 14 and 79. The D/B and the DUMPS SCOWS will be anchored north of Sausalito Channel Light 4 (LLNR 4390) and Light 6 (LLNR 4400). The disposal area will be Dump Site SF-11 Alcatraz. For further comments or details, contact B.K. Cooper at (707) 765-4646. Chart: 18649 LNM 39/04 dated 28 Sep 2004.

NORTHERN CALIFORNIA - MARE ISLAND STRAIT – WRECKAGE - The wreckage of Mare Island Strait Light 1 (LLNR 6090) remains at position 38°04'13.098"N 122°14'48.602"W, is marked by a temporary buoy labeled "WR1" 35 yds channelward, is completely submerged at high tide and partially submerged at low tide. Mariners are advised to use caution when transiting the area. Chart: 18652 LNM 36/04 dated 07 Sep 2004.

NORTHERN CALIFORNIA – BENICIA MARINA – DREDGING OPERATIONS – The Salt River Construction Company will be conducting dredging operations in the Benicia Marina **through 01 Dec 2004**. The self-contained DREDGE/DUMP BARGE BARBARA ANN and TUG IRENE LAURITZEN will be on scene and monitoring VHF-FM Ch. 13, 14, and 78. Mariners are advised to use caution when transiting the area. For further comments or details, contact Rick Moseley at (415) 435-1024. Chart: 18649 LNM 36/04 dated 07 Sep 2004.

NORTHERN CALIFORNIA – RICHMOND – DREDGING OPERATIONS – Great Lakes Dredge and Dock Company is conducting dredging operations in the Port of Richmond. Great Lakes will be utilizing the Dredge 53, which is a clamshell dredge that will be working on spuds to maintain position in the channel. Great Lakes will also be utilizing two scows, the GL 64 and GL 66 to transport material to the San Francisco – Deep Ocean Disposal Site (SF-DODS). This disposal site is a four thousand foot diameter circle, centered at: 37°39.0'N 123°23.0'W. The scows will be towed offshore by the TUG COLONEL. The TUG ATLANTIC DAWN will also be in the vicinity of the dredge at all times working as a tender boat. All equipment on the project will monitor VHF-Ch. 14 and 16. For further comments or details, contact the project manager at (732) 216-5130. Chart: 18649 LNM 30/04 dated 27 July 2004.

NORTHERN CALIFORNIA - BODEGA BAY HARBOR - CONSTRUCTION OF CAGES FOR RESEARCH - Researchers from Bodega Marine Lab have deployed cages (3' in height) in the sea grass beds located in the southeast area of the harbor and near the West Side Park campground area. The cages are marked with small floats, and **will be deployed through Apr 2005**. All cages will be well outside of the main (dredged) channel. Windsurfers are advised to use caution when transiting the area. For further comments or details, contact Suzanne Olyarnik at (530) 304-4601. Chart: 18703 LNM 15/04 dated 13 Apr 2004.

General Information (Cont)

NORTHERN CALIFORNIA – SACRAMENTO RIVER –

CONSTRUCTION OPERATIONS – Dutra Materials will be conducting construction operations **during daylight hours through 15 Dec 2004** in position 38°33.4'N 121°30.9'W. The CRANE BARGE #8 will be on scene with 2 TUGS and several BARGES and towing of materials from the San Rafael Rock Quarry to the job site will be conducted throughout each day. All equipment will be monitoring VHF-FM Ch. 7, 13, and 14. Mariners are advised to use caution when transiting the area. For further comments or details, contact Chuck Walker at (707) 374-6964.

Chart: 18661 LNM 37/04 dated 14 Sep 2004.

NORTHERN CALIFORNIA – SUISUN MARSH – SALINITY CONTROL

GATE OPERATIONS – The Department of Water Resources has installed stop logs across the maintenance channel in Suisun Marsh 2.2 nm from the easterly end of Montezuma Slough in position 38°05.6'N 121°53.1'W and vessels can only pass through the boat lock. A boat lock operator is on duty **every day from 0600U to 1800U until further notice**. The boat locks provide 16 ft horizontally; 9 ft over the sill at MLLW; 70 ft in length between sector gates; and no vertical impairment. The piers are marked by fixed red lights and other parts of the structure by fixed yellow lights. Mariners are advised to use caution due to a shoal area along the east bank on both sides of the structure extending approximately 50 ft out from the existing levee. Marker buoys have been placed to identify the area. Mariners are also advised that the Salinity Control Structure operations sometimes create currents at the site greater than currents in other areas of Montezuma Slough. For further comments or details, contact John Moe at (290) 833-2082 or Jerry Raasch at (209) 833-2077.

Chart: 18661 LNM 42/04 dated 19 Oct 2004.

ARIZONA - COLORADO RIVER – MISSING WAKE BUOYS -

Three out of Four designated No-Wake Buoys have been reported missing from the Northern limits of the Moovalya Marsh area in the vicinity of the BlueWater Resort and Casino. The Moovalya Marsh has been designated a critical habitat for endangered species and all mariners are required to remain at a no wake speed while operating within the Moovalya Marsh area. All mariners are requested to use caution when transiting the area.

Chart: None LNM 42/04 dated 19 Oct 2004.

BRIDGE INFORMATION - DISCREPANCIES AND CORRECTIONS - For bridge related issues during normal working hours Monday thru Friday, contact the Eleventh Coast Guard District Bridge Section, Coast Guard Island, Building 50-3, Alameda, CA 94501-5100, telephone: (510) 437-3514. For emergencies or discrepancies during nights, weekends and holidays, immediately notify the nearest Coast Guard Group Command via VHF-FM Ch 16 or via telephone: San Diego & Colorado River (619) 295-3121, Los Angeles (310) 732-2044, San Francisco (415) 399-3547, Eureka (707) 839-6113. Flotsam and drift may have accumulated on and near bridge piers and abutments and mariners should approach all bridges with caution..

SOUTHERN CALIFORNIA – CERRITOS CHANNEL, LONG BEACH –

SCHUYLER HEIM DRAWBRIDGE REPAIR – **Through Jan 2005**, scaffolding installed below low steel of the drawspan reduces vertical clearance by 4 ft and is lighted at night with red lights. **Weekends from 1900U Fri until 0600U Mon, and weeknights from 1900U until 0600U, Mon through Fri**, the drawspan is secured in the closed to navigation position for emergency deck replacement. The drawbridge, with scaffolding, provides 33 ft vertical clearance above Mean High Water when closed. Vessels able to safely navigate through the closed drawbridge may continue to do so at any time.

Chart: 18751 LNM 44/04 dated 2 Nov 2004.

SOUTHERN CALIFORNIA – LOS ANGELES MAIN CHANNEL –

VINCENT THOMAS BRIDGE – A 16 ft wide scaffolding periodically located in the channel span reduces vertical clearance by 9 ft. The scaffolding will be moved out of the channel at night and when not in use. The bridge provides 185 ft vertical clearance above Mean High Water for the mid 500 ft of the channel span.

Chart: 18751 LNM 44/04 dated 2 Nov 2004.

NORTHERN CALIFORNIA - SAN FRANCISCO BAY - GOLDEN

GATE BRIDGE - Two scaffolds located in the main navigation channel span, and one scaffold in the southern span, reduce vertical clearance by approx 12 ft and are lighted at night with red lights. The Golden Gate Bridge District has requested 48 hrs advance notice to move scaffolding. Scaffolding is moved to the piers when not in use.

Chart: 18650 LNM 44/04 dated 2 Nov 2004.

NORTHERN CALIFORNIA - SAN FRANCISCO BAY - SAN

FRANCISCO-OAKLAND BAY BRIDGE - WEST OF YBI - Maintenance scaffolding located continuously in each span reduces vertical clearance by approx 5 ft and is lighted at night with red lights. Caltrans will move the scaffolding if requested for the passage of vessels.

Chart: 18650 LNM 44/04 dated 2 Nov 2004.

NORTHERN CALIFORNIA - SAN FRANCISCO BAY - SAN

FRANCISCO-OAKLAND BAY BRIDGE REPLACEMENT- EAST OF YBI: The green center span lights have been temporarily extinguished in the three spans east of the main channel span due to the presence of construction equipment in those spans. Bridge construction is in progress along the north side of the existing bridge and extends from the Oakland shoreline to the main navigation opening east of YBI. Approximately 450 heavy lift operations will be conducted in the construction area between Yerba Buena Island and Oakland **from Aug 2004 until August 2006**. Mariners are requested to produce no wake in the construction area during lifting operations to ensure worker safety. Lifts will be announced via Broadcast Notice to Mariners.

Anchor wires extending up to 1,100 ft in any direction from floating equipment may be difficult to see and mariners are advised, for their own safety, to avoid passing through the construction area by using the main navigational channel east of YBI. Construction equipment is lighted at night. Mariners may contact the D/B *GENERAL* or the D/B *VANCOUVER* via VHF-FM Ch 66, or by telephone at (510) 508-0250, to determine conditions at the bridge.

Chart: 18650 LNM 44/04 dated 2 Nov 2004.

NORTHERN CALIFORNIA – CHINA BASIN – 4th STREET

DRAWBRIDGE RETROFIT – The drawspan has been removed from the waterway. The proposed reinstallation date is **Dec 2004**. Floating equipment, cofferdams and silt curtains located between the channel piers provide 25 ft horizontal clearance. Obstructions are lighted at night with red lights. Floating equipment can be moved upon one-hour notice during daylight hours and upon 24 hours notice overnight by contacting (415) 716-8358 or (415) 554-8351.

Chart: 18655 LNM 44/04 dated 2 Nov 2004.

Bridge Info (Cont.)

NORTHERN CALIFORNIA – ISLAIS CREEK – 3rd STREET DRAWBRIDGE RETROFIT- The draw span is secured in the closed-to-navigation position **until March 2005**, for seismic retrofit. The bridge provides approx 4.4 ft vertical clearance above mean high water when closed. Containment tarps under the bridge reduce horizontal clearance by approx 70 ft.
Chart: 18650 LNM 44/04 dated 2 Nov 2004.

NORTHERN CALIFORNIA - SAN FRANCISCO BAY - RICHMOND-SAN RAFAEL HIGHWAY BRIDGE RETROFIT - (West Channel) Scaffolding suspended below low steel reduces vertical clearance by approximately 8 ft. (East Channel) A crane barge located in the east channel span **through Dec 2004**, reduces horizontal clearance through the bridge by approximately 150 ft. Anchor wires extending 300 ft upstream and downstream can be slacked to the bottom upon 1 hr advance notice and removed upon 2 hrs advance notice. Scaffolding extends 360 ft from the west channel pier of the east span and reduces vertical clearance by approximately 8 ft. Mariners should contact the TUG APRIL T via VHF-FM Ch 13 for wake issues and passing arrangements. Mariners may contact Coast Guard VTS for assistance in establishing communications with the bridge.
Chart: 18654 LNM 44/04 dated 2 Nov 2004.

NORTHERN CALIFORNIA – PETALUMA RIVER – BLACKPOINT RAILROAD DRAWBRIDGE – The sheer fence on the northwest side of the pivot pier and swing span is missing and does not provide adequate protection for the bridge. Steel protruding approx two inches channelward from the top of the rest piers may damage vessels, and mariners are advised to avoid contact with the rest piers. Electrical cable is suspended below low steel of the approach span and presents a hittable obstruction for smaller vessels using those openings.
Chart: 18654 LNM 44/04 dated 2 Nov 2004.

NORTHERN CALIFORNIA – PETALUMA RIVER – HAYSTACK RAILROAD DRAWBRIDGE – The wooden timbers are missing from the sheer fences on both sides of the channel, and steel pilings are exposed.
Chart: 18654 LNM 44/04 dated 2 Nov 2004.

NORTHERN CALIFORNIA – NAPA RIVER – BRAZOS RAILROAD DRAWBRIDGE – The center span lights are showing red. Red center span lights on drawbridges indicate the drawspan is not in the full open-to-navigation position. Vertical clearance provided by the partially raised drawspan is unknown and caution is advised.
Chart: 18654 LNM 44/04 dated 2 Nov 2004.

NORTHERN CALIFORNIA – NAPA RIVER- MAXWELL IMOLA AVE DRAWBRIDGE REPLACEMENT – Construction is in progress on the upstream side of the existing drawbridge. Falsework over the channel reduces vertical clearance through the bridge to 49 ft above mean high water **through Oct 2005**. Temporary cofferdams extending channelward from the bank, reduce horizontal clearance to 65 ft and are lighted at night with red lights.
Chart: 18654 LNM 40/04 dated 5 Oct 2004.

NORTHERN CALIFORNIA – CARQUINEZ STRAIT – I-80 HIGHWAY BRIDGE REHAB (UPSTREAM BRIDGE) - Through Dec 2004, an 80 ft wide traveler located in the northern channel span reduces vertical clearance by 7 ft and is lighted at night with red lights. The traveler can be removed from the center of the northern channel span upon 3 hrs advance notice when requested for the safe passage of vessels. Mariners should contact *WEST COAST BRIDGE CONSTRUCTION AT CARQUINEZ BRIDGE* via VHF-FM Ch. 13 in advance to make passing arrangements. Chart: 18655 LNM 42/04 dated 19 Oct 2004.

CALIFORNIA - CARQUINEZ STRAIT – NEW I-680 HIGHWAY BRIDGE CONSTRUCTION – Barge anchor wires extend parallel to the main navigation channel as much as 900 ft upstream and downstream from barges at the main navigation opening of the bridge. Anchors upstream of the construction site will be approx 50 ft outside the north margin of the Federal channel **through Dec 2004**. Anchor wires can be moved upon 3 hrs advance notice when a tug is present and 6 hrs when a tug is not present. Mariners should contact the Westar Marine Tug at Benicia Bridge via VHF-FM Ch 13 to make passing arrangements. Bridge pier construction is in progress along the entire length of the bridge, with anchor lines extending 800 ft upstream and downstream from the bridge. Anchor wires may be difficult to see and mariners are advised, for their own safety, to avoid passing through the construction area by going around the construction and using the main navigational channel. For work away from the main channel span, mariners should contact the D/B PACIFIC, the D/B HAAKEN, or the D/B LA, via VHF-FM Ch 13, 14, and 67, to discuss wake issues and passing arrangements.
Chart: 18657 LNM 40/04 dated 5 Oct 2004.

NORTHERN CALIFORNIA- SACRAMENTO RIVER DELTA- The Snodgrass Slough Drawbridge near Walnut Grove is secured in the closed to navigation position due to damaged superstructure. The drawbridge provides 18 ft vertical clearance above mean high water when closed. Vessels that can safely pass through the closed drawbridge may continue to do so at any time. The estimated time of repair is unknown.
Chart: 18662 LNM 43/04 Dated 26 Oct 2004.

NORTHERN CALIFORNIA - SAN JOAQUIN RIVER - NEW PEDESTRIAN BRIDGE CONSTRUCTION - Construction is in progress, adjacent to the downstream side of the existing Manthey Road Bridge at Mossdale. Floating pile driving equipment located in the channel during daylight hours, Mon-Fri, will reduce horizontal clearance for vessels to approximately 55 ft. The new bridge superstructure will not reduce the vertical clearance provided by the existing bridges. Mariners should contact Mr. Dan Schultes of Nolte Associates, Inc. at (209) 858-9112, or Mariners should contact Mr. Dan Schultes or Mr. Steve Walters of Nolte Associates, Inc. at (209) 858-9112 or the TUG HAYDEN BAY on VHF-FM Ch. 9 at the bridge, to determine conditions.
Chart: 18661 LNM 40/04 dated 5 Oct 2004.

Bridge Info (Cont.)

NORTHERN CALIFORNIA - NOYO RIVER - HIGHWAY 1 BRIDGE REPLACEMENT – In-water bridge replacement work is complete and the fenders beneath the bridge have been removed.
Chart: 18626 LNM 42/04 dated 19 Oct 2004.

NORTHERN CALIFORNIA - HUMBOLDT BAY –SAMOA BRIDGES SEISMIC RETROFIT – (Middle Channel) A 50x100 ft spudded barge, centered on the upstream or downstream side of the channel piers reduces horizontal clearance by approx 30 ft and is lighted at night with red lights. (Samoa Channel) A temporary trestle at the western shore of the Samoa Channel is lighted at night with white lights. (Eureka Channel) A 50x100 ft spudded barge, centered on the upstream or downstream side of the channel piers reduces horizontal clearance by approx 30 ft and is lighted at night with red lights. Mariners should contact the TUG *IRON MIKE* via VHF-FM Ch 16 at least 3 hrs in advance to discuss wake issues and make passing arrangements.
Chart: 18622 LNM 40/04 dated 5 Oct 2004.

SECTION VII – LIGHT LIST CORRECTIONS

An asterisk *, indicates the column in which a correction has been made to information.
This section contains changes to the Light List Volume VI, 2004. The Light List is now available online at <http://www.navcen.uscg.gov/pubs/LightLists/V6COMPLETE.PDF>.

No.	Name and location	Position	Characteristic	Height	Range	Structure	Remarks
2516	NEWPORT HARBOR OBSTRUCTION LIGHTS	33 36 54 N 117 54 12 W	F R				Remove from List. 44/04 *
3339	- Channel Buoy 1A	33 50 30 N 118 23 36 W				Green can.	Remove from List. 44/04 *

SECTION VIII – COAST PILOT CORRECTIONS

This section contains changes to the Coast Pilot Volume 7.

None.

SECTION IX - ENCLOSURES

Glossary of Terms

APP - Approach
BY - Buoy
BB - Bell Buoy
BNM - Broadcast Notice to Mariners
BR - Bridge
BRKW - Breakwater
CFR - Code of Federal Regulations
CH - Channel
COLREGS - International Regulations for Preventing Collisions at Sea
COLREGS DEMARCATION LINE - The separation of international and inland waterways
CRK - Creek
DB - Derrick Barge
DBN - Day beacon
DEG - Degree
dGPS - Differential Global Positioning System
DOLPHIN - A cluster of pilings
DWSC - Deep Water Ship Channel
E - East
EBB - Tidal current toward the sea
F - Fixed
FENDER - The protection system at a bridge
FL - Flashing
FLOOD - Tidal current toward the shore.
FS/FOGSIG - Fog Signal
GB - Gong Buoy
GPS - Global Positioning System
HB - Horn Buoy
HBR - Harbor
HWY BR - Highway Bridge
IS - Island
LB - Lighted Buoy
LBB - Lighted Bell Buoy
LDG - Landing
LEAF - The movable portion of a bascule bridge
LGB - Lighted Gong Buoy
LHB - Lighted Horn Buoy
LK - Lake
LLNR - Light List Number
LMB - Lighted Mooring Buoy
LNM - Local Notice to Mariners
LT - Light
LWB - Lighted Whistle Buoy
LWP - Left Watching Properly
MB - Mooring Buoy
MHW - Mean High Water
MKR BY - Marker Buoy
MLLW - Mean Lower Low Water
MSO - Marine Safety Office
M/V - Motor Vessel
N - North
NM - Nautical Mile
NMS - National Marine Sanctuary
Northern California - From Point Conception north to California/Oregon state line
NPS - National Park Service
NWR - National Wildlife Refuge
PT - Point
Q - Quick
RACON - Radar Beacon
RB - Regulatory Buoy
RCK - Rock
RF LT - Range Front Light
RIV - River
RR - Railroad
RR BR - Railroad Bridge
RR LT - Rear Range Light
SLGH - Slough
S - South
SOUTHERN CALIFORNIA - South of Point Conception to the California/Mexico Border
SPD - Speed
SOFFIT - The "low steel" or other point restricting vertical clearance on a bridge
TRLB - Temporary Lighted Buoy - Use Caution, submerged aid may be present.
TRUB - Temporary Unlighted Buoy - Use Caution, submerged aid may be present.
USC - United States Code
VTS - Vessel Traffic Service
W - West
WB - Whistle Buoy
WHF - Wharf
WR - Wreck



A. J. Shaw
Commander, U.S. Coast Guard
Chief, Aids to Navigation and
Waterways Management Branch

02 Nov 2004

THE LOCAL NOTICE TO MARINERS IS AVAILABLE ON THE
WORLD WIDE WEB AT WWW.NAVCEN.USCG.GOV/LNM/D11/

LNM 44/04